

What Is Claimed Is:

1. A liquid crystal display device, comprising:

a liquid crystal display panel;

a backlight unit having a fluorescent lamp, a reflection sheet reflecting light emitted from the fluorescent lamp, and a bottom cover supporting the reflection sheet; and

a metal chassis supporting and affixing the liquid crystal display panel and the backlight unit.

2. The device according to claim 1, wherein the backlight unit comprises:

a panel-type light guide plate having a light projection plane and an light incident plane;

a reflection plate along a rear side of the light guide plate;

a lamp assembly at the light incident plane of the light guide plate, the lamp assembly including the fluorescent lamp and the reflection sheet at an outer side of fluorescent lamp;

a plurality of optical sheets over the light projection plane of the light guide plate;

a rectangular mold frame receiving the reflection plate, the light guide plate, the plurality of optical sheets, and the lamp assembly therein; and

a bottom cover extending from a bottom of the mold frame to an outer side of the reflection sheet.

3. The device according to claim 1, wherein the reflection sheet encloses an outer side of the fluorescent lamp except for a light exit portion of the fluorescent lamp and overlaps a portion of the light guide plate.

4. The device according to claim 1, wherein the reflection sheet has a round shape and end portions of the reflection sheet overlap a portion of the light guide plate by a first overlap amount.

5. The device according to claim 4, wherein the first overlap amount is within a range of about 0.2mm to about 30mm.

6. The device according to claim 1, wherein the reflection sheet is formed of one of a synthetic resin selected from the group consisting of alkylbenzene sulfonate (ABS), polyethylene terephthalate (PET), and polyvinyl chloride (PVC), and a non-metallic substance.

7. The device according to claim 6, wherein the synthetic resin includes one of a polymer having a high reflexivity and Ti.

8. The device according to claim 2, wherein an extension portion of the reflection plate forms the reflection sheet.
9. The device according to claim 1, wherein the bottom cover has an end portion having a round shape.
10. The device according to claim 1, wherein a space between an end portion of the bottom cover and the light guide plate is within a range of about 0.1mm to about 50mm.
11. A backlight unit, comprising:
- a panel-type light guide plate having a light projection plane and an light incident plane;
 - a reflection plate along a rear side of the light guide plate;
 - a lamp assembly at the light incident plane of the light guide plate, the lamp assembly including the fluorescent lamp and a reflection sheet at an outer side of fluorescent lamp;
 - a plurality of optical sheets over the light projection plane of the light guide plate;
 - a rectangular mold frame receiving the reflection plate, the light guide plate, the plurality of optical sheets, and the lamp assembly therein; and

a bottom cover extending from a bottom of the mold frame to an outer side of the reflection sheet,

wherein the reflection sheet has a round shape and end portions of the reflection sheet overlap a portion of the light guide plate by a first overlap amount within a range of about 0.2mm to about 30mm and a space between an end portion of the bottom cover and the light guide plate is within a range of about 0.1mm to about 50mm.

12. The device according to claim 11, wherein the reflection sheet is formed of one of a synthetic resin selected from the group consisting of alkylbenzene sulfonate (ABS), polyethylene terephthalate (PET), and polyvinyl chloride (PVC), and a non-metallic substance.

13. The device according to claim 12, wherein the synthetic resin includes one of a polymer having a high reflexivity and Ti.

14. The device according to claim 11, wherein an extension portion of the reflection plate forms the reflection sheet.

15. The device according to claim 11, wherein the bottom cover has an end portion having a round shape.

16. The device according to claim 11, wherein the reflection sheet encloses an outer side of the fluorescent lamp except for a light exit portion of the fluorescent lamp.